

REMARKS

Reconsideration of the application in light of the above amendments and the following remarks is respectfully requested.

Status of the Claims

Claims 1-20 are pending. Claims 1 and 12 have been amended. Claims 16-20 have been added. No new matter has been added.

Allowable Subject Matter

Applicants appreciatively acknowledge the Examiner's allowance of claims 13-15, and the indication of allowable subject matter in claims 5- 8. Added claim 16-20 depend from allowed claim 13, and recite the features of claims 2-4 and 9-10. Thus, Applicants submit that claims 16-20 are in condition for allowance.

Rejection Under 35 U.S.C. § 102

Claims 1-3 and 12 stand rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,140,966 to Pankinaho. Claims 1-4, 9-10 and 12 stand rejected under 35 U.S.C. § 102(a) as being anticipated by PCT Application No. WO 01/89031 to Avantego AB. Claims 1-4 and 9-12 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Published Application No. 2004/0125029 to Maoz et al. ("Maoz").

The Examiner contends that the terms "relatively near" and "long side" as recited in independent claims 1 and 12 are relative words and lack definition. Therefore, the Examiner contends that the cited references anticipate the claimed inventions.

The Examiner contends that Panchinaho Figure 12a discloses a slot 141 in the ground plane 140, where the slot starts relatively near the short-circuit point . Additionally, the Examiner contends that slot 141 travels substantially parallel to the long side of the radiating

plane. Applicant respectfully submits that Figure 12a clearly depicts slot 141 traveling perpendicular to the long side of the radiating plane. Therefore, Applicants submit that Panchinaho does not disclose each and every element of the claimed invention. Thus, Panchinaho does not anticipate the claimed invention.

With respect to Avantego AB, Figure 1 depicts slots 121 and 122, but it is not clear from the figures or disclosure what is the orientation of these slots with respect to the radiating plane. Therefore, Applicants submit that Avantego does not disclose each and every element of the claimed invention. Thus, Avantego AB does not anticipate the claimed inventions.

Moaz Figure 5a discloses slot 53a located at the opposite end of the device, and that the slot travels substantially parallel to the long side of the radiating plane. However, plane 51 is the ground plane itself and not the radiating plane. Therefore, Moaz does not disclose each and every feature of the claimed invention. Thus, Moaz does not anticipate the claimed invention.


However, to expedite prosecution Applicants have amended independent claims 1 and 12 to further define the claimed invention over the cited references. Applicants submit that these amendments clearly distinguish over the prior art of record.

Reconsideration and withdrawal of these rejections is requested.

CONCLUSION

Each and every point raised in the Office Action mailed May 4, 2005 has been addressed on the basis of the above amendments and remarks. In view of the foregoing it is believed that claims 1-20 are in condition for allowance and it is respectfully requested that the application be reconsidered and that all pending claims be allowed and the case passed to issue.

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